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08/360,997 12/20/94 DASAN

V 82225, P712

EXAMINER

PHAM, C

ART UNIT PAPER NUMBER

5

2307

DATE MAILED: 07/28/95

E3M1/0728
BLAKELY SOKOLOFF TAYLOR AND ZAFMAN
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ATTN: EDWARD W. SCOTT, IV

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☐ Responsive to communication filed on _____ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 0 days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- ☒ Notice of References Cited by Examiner, PTO-892.
- ☒ Notice of Draftsman's Patent Drawing Review, PTO-948.
- ☒ Notice of Art Cited by Applicant, PTO-1449.
- ☐ Notice of Informal Patent Application, PTO-152.
- ☐ Information on How to Effect Drawing Changes, PTO-1474.
- ☐

Part II SUMMARY OF ACTION

- ☒ Claims 1-24 are pending in the application.
Of the above, claims _____ are withdrawn from consideration.
- ☐ Claims _____ have been cancelled.
- ☐ Claims _____ are allowed.
- ☒ Claims 1-24 are rejected.
- ☐ Claims _____ are objected to.
- ☐ Claims _____ are subject to restriction or election requirement.
- ☐ This application has been filed with Informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
- ☐ Formal drawings are required in response to this Office action.
- ☐ The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).
- ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).
- ☐ The proposed drawing correction, filed _____, has been ☐ approved; ☐ disapproved (see explanation).
- ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received* ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____.
- ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
- ☐ Other

EXAMINER'S ACTION

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Part III DETAILED ACTION

1. Claims 1-24 are presented for examination.

Information Disclosure Statement

2. The information disclosure statement filed on March 23, 1995 has been placed in the application file, and the information referred to therein has been considered as to the merits.

Claim Rejections - 35 USC § 112

3. Claims 1-23 is rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The meaning of the following claim language is unclear:

As to claim 1, line 4, "said server presenting a list of options to the client", what is a list of options?

As to claim 2, lines 1 and 2; claim 6, line 5; and claim 15, line 4, "HTTP" should be defined in the claim and specification.

The claims 2-5 are rejected as including all the deficiencies in the independent claim 1, and any other intervening claims as rejected.

As to claim 6, line 4, "said server presenting a list of options to the client", what is a list of options?

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The claims 7-14 are rejected as including all the deficiencies in the independent claim 6, and any other intervening claims as rejected.

As to claim 15, line 3, "said server presenting a list of options to the client", what is a list of options?

The claims 16-23 are rejected as including all the deficiencies in the independent claim 15, and any other intervening claims as rejected.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

5. Claim 1 rejected under 35 U.S.C. § 103 as being unpatentable over Bussey et al., "Service Architecture, Prototype Description,

and Network Implications of Personalized information Grazing Service.", INFOCOM, 1990, Pages 1046-1053.

6. As to claim 1, Bussey et al. show the invention substantially as claimed, including a data processing 'DP' system, a computer implemented method of retrieving information, comprising: (b) the server presenting a list of options to the client [col. 5, section 3.4 User reception, filtering and User interface, 2nd Paragraph]; (c) a user identifying the user-defined profile via the client [col. 5, section 3.4 User reception, filtering and User interface, 1st Paragraph]; (d) the server engaging a first application program [col. 2, lines 3-8 and col. 3, lines 8-11]; (e) the first application program examining a database of raw information and automatically retrieving a subset of the raw information [col. 5, section 3.4 User reception, filtering and User interface, 3rd Paragraph]; and (f) the first application program transmitting said subset of the raw information [col. 5, section 3.4 User reception, filtering and User interface, 3rd Paragraph]. Bussey et al. disclose the claimed invention except for the client established communication with the server. It would have been obvious to one having ordinary skill in the art at the time the invention was made to establish communication between the client and the server since it was known in the art that this provides the data integrity

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when communicating between the client and server to ensure they are activated before start^{ing} communication.

7. Claims 2-5 are rejected under 35 U.S.C. § 103 as being unpatentable over Bussey et al. as applied to claim 1 above, and further in view of Vetter et al., "Mosaic and the World-Wide Web", Computer Magazine, October, 1994, Vol. 27, Issue 10, Pages 49-57.

8. As to claim 2, Bussey et al. disclose the claimed invention except for the HTTP browser in the client and the server comprises an HTTP server application program. Vetter et al. teaches a known browser [page 1, lines 11-12]. It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the system was taught by Vetter et al. with Bussey et al.'s system. The combination would enhance the users facility interaction and make the system more user friendly.

9. Claims 3 and 4 are encompassed the same scope of the invention as that claims 1 and 2. The claims are rejected for the same reason as set forth above.

10. As to claim 5, Bussey et al. and Vetter et al. disclose the claimed invention except for the retrieving the information from the database based upon the user-defined profile is performed at periodic intervals. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify processing retrieval information with period intervals, since it was known in the art that updating at periodic intervals would constantly display new retrieved information from the database to the users.

11. Claims 6-24 encompassed the same scope of the invention as that claims 1-5. The claims are rejected for the same reason as set forth above.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

East et al.; US Patent No. 5,187,790.; "Server impersonation of client processes in an object based computer operating system." (395/650)

White, US Patent No. 5,428,782.; "Portable and Dynamic Distributed applications architecture." (395/650)

Oren et al.; US Patent No. 5,408,655.; "User interface system and method for traversing a database." (395/600)

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M. sanderson, "NRT (New Retrieval Tool): a user's guide.",
IEE Colloq., 1990, No. 101, Pages 1-14.

M. F. Wyle, "A Wide Area Network information filter.", IEEE,
June, 1991, Pages 10-15.

Teresa Lau, "Building a Hypermedia information system on the
internet.", Professional Communication Conference, 1994, Pages
192-197.

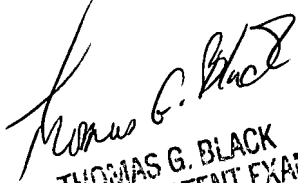
Story et al., "The RightPages Image-based electronic Library
for Alerting and Browsing.", Computer Magazine, Sept. 1992, Vol.
25, Issue 9, Pages 17-26.

Sheth et al., "Evolving Agents for Personalized information
Filtering.", Artificial Intelligence Applications, 1993, Pages
345-352.

Any inquiry concerning this communication or earlier
communications from the examiner should be directed to Cuan Pham
whose telephone number is (703) 308-6684. The Fax phone number
for this group are (703) 305-9564 or (703) 305-9565.

Any inquiry of general nature or relating to the status of
this application should be directed to Group receptionist whose
telephone number is (703) 305-9600.

CP
June 29, 1995


THOMAS G. BLACK
SUPERVISORY PATENT EXAMINER
GROUP 2300